

SUMMARY: An ordinance amending Chapter 60 of the Washoe County Code by adopting the 2003 International Fire Code with amendments.

BILL NO. _____

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE WASHOE COUNTY CODE BY ADOPTING THE 2003 INTERNATIONAL FIRE CODE WITH AMENDMENTS.

THE BOARD OF COUNTY COMMISSIONERS OF THE COUNTY OF WASHOE DO ORDAIN:

SECTION 1. Sections 60.020 to 60.265 of Chapter 60 of the Washoe County Code are hereby repealed.

SECTION 2. Chapter 60 of the Washoe County Code is hereby amended by adding thereto the provisions set forth in sections 3 through 44, inclusive, of this ordinance.

SECTION 3.

CHAPTER 60

FIRE PREVENTION AND PROTECTION

International Fire Code

- 60.020 "International Fire Code" defined.
- 60.030 International Fire Code: Adoption.
- 60.050 Enforcement; construction.
- 60.060 International Fire Code Section 102.3 Applicability - Change of use or occupancy.
- 60.070 International Fire Code Section 102.3 Applicability - Change of use or occupancy.
- 60.080 International Fire Code Section 102.4 Applicability - Application of building code.
- 60.090 International Fire Code Section 102.6 Applicability - Referenced codes and standards.
- 60.100 International Fire Code Section 102.6 Applicability - Referenced codes and standards.
- 60.110 International Fire Code Section 103.1 Department of Fire Prevention - General.
- 60.120 International Fire Code Section 103.2 Department of Fire Prevention - Appointment and Section 103.3 Deputies.
- 60.130 International Fire Code Section 104.10 Department of Fire Prevention - Fire investigations.

60.140 International Fire Code Section 106.2 Inspections -
Inspections.

60.150 International Fire Code Section 109.3 Violations -
Violation penalties.

60.160 International Fire Code Section 111.4 Stop Work Order -
Failure to comply.

60.170 International Fire Code Section 202 General Definitions
- Occupancy Classification A-2.

60.180 International Fire Code Section 311.2.2 Vacant Premises
- Fire protection.

60.190 International Fire Code Section 315.3.2 Miscellaneous
Combustible Materials Storage - Height.

60.200 International Fire Code Section 401.1 General - Scope.

60.210 International Fire Code Section 503.4 Fire Apparatus
Access Roads - Obstruction of fire apparatus access
roads.

60.220 International Fire Code Section 508.1 Fire Protection
Water Supplies - Required water supply.

60.230 International Fire Code Section 508.3 Fire Protection
Water Supplies - Fire flow.

60.240 International Fire Code Section 508.5.1 Fire Protection
Water Supplies - Where required.

60.250 International Fire Code Section 509.1 Fire Command
Center - Features.

60.260 International Fire Code Section 901.6 General -
Inspection, testing and maintenance.

60.270 International Fire Code Section 901.9 Problematic
systems and systems out of service (False Alarms).

60.280 International Fire Code Section 903.2 Automatic
Sprinkler Systems - Where required.

60.290 International Fire Code Section 903.2.10.3 General -
Buildings more than 55 feet in height.

60.300 International Fire Code Section 903.4 General -
Sprinkler system monitoring and alarms.

60.310 International Fire Code Section 903.4.1 General -
Signals.

60.320 International Fire Code Section 905.3.2 Standpipe
Systems - Group A.

60.330 International Fire Code Section 906.1 Portable Fire
Extinguishers - Where required.

60.340 International Fire Code Section 907.2 Fire Alarm and
Detection Systems - Where required - new buildings and
structures.

60.350 International Fire Code Section 907.2 Fire Alarm and
Detection Systems - Where required - new buildings and
structures.

60.360 International Fire Code Section 907.2.8 Fire Alarm and
Detection Systems - Group R-1 and Section 907.2.9 -
Group R-2.

- 60.370 International Fire Code Section 907.2.12 Fire Alarm and Detection systems - High rise buildings.
- 60.380 International Fire Code Section 907.12 Fire Alarm and Detection Systems - Duct smoke detectors.
- 60.390 International Fire Code Section 913.4 Fire Pumps - Valve supervision.
- 60.400 International Fire Code Section 1006.3 Means of Egress Illumination - Illumination emergency power.
- 60.410 International Fire Code Section 1011.5.3 Exit Signs - Power Source.
- 60.420 International Fire Code Section 1019.1.7 Vertical Exit Enclosures - Stairway floor number signs.
- 60.430 International Fire Code Section 1019.1.8 Vertical Exit Enclosures - Smokeproof enclosures.
- 60.440 International Fire Code Section 1412.1 Water Supply for Fire Protection - When required.

International Fire Code

60.020 "International Fire Code" defined. As used in sections 60.020 to 60.440 inclusive, "International Fire Code" means the 2003 edition of the International Fire Code, published by the International Code Council, Inc.

SECTION 4.

60.030 International Fire Code: Adoption. The International Fire Code, copies of which have been placed on file in the office of the county clerk, including all appendices except Appendix C and Appendix D, together with such changes as made by sections 60.020 to 60.440, inclusive, are hereby adopted by reference, incorporated herein, and made a part hereof, and shall regulate all matters contained therein.

SECTION 5.

60.050 Enforcement; construction.

1. In those areas of Washoe County which lie within the boundaries of an organized fire protection district, the International Fire Code may be enforced by the senior officer of the district or designated fire official as set forth in an Interlocal Agreement for Fire Service. The terms "Fire Chief," "Chief" or "Fire Code Official" as used in the International Fire Code, refer to such senior officer or his authorized representative.

2. In those areas of Washoe County which do not lie within the boundaries of an organized fire protection district, the board of county commissioners may designate, by contract or otherwise, a person or entity empowered to enforce the provisions of the

International Fire Code. The term "bureau of fire prevention" shall mean the entity so designated. The term "Fire Chief," "Chief" or "Fire Code Official" shall mean such person so designated by the board.

3. All references in the International Fire Code to "municipality," "city" or similar terms shall be construed to mean Washoe County or fire protection district.

4. Wherever the word "jurisdiction" is used in the International Fire Code, it shall mean the unincorporated area of Washoe County or fire protection district.

SECTION 6.

60.060 International Fire Code Section 102.3 Applicability - Change of use or occupancy. Section 102.3 is hereby deleted and replaced with the following:

102.3 Change of use or occupancy. Existing buildings undergoing a change of occupancy may be permitted to comply with the International Building Code on a case by case basis with written approval from the fire code official.

SECTION 7.

60.070 International Fire Code Section 102.3 Applicability - Change of use or occupancy. Section 102.3 is hereby amended by adding the following new section 102.3.1:

102.3.1 Applicability. No change shall be made in the tenant, character of occupancy or use of any building without an inspection from the Fire Department through the business license process to assure compliance with the fire and life-safety provisions of the Fire Code Official and the adopted fire codes and standards.

Exception: 1. One and two family dwelling units.

SECTION 8.

60.080 International Fire Code Section 102.4 Applicability - Application of building code. Section 102.4 is hereby amended by deleting the last sentence.

SECTION 9.

60.090 International Fire Code Section 102.6 Applicability - Referenced codes and standards. Section 102.6 is hereby deleted and replaced with the following:

102.6 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 45 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. The most current published edition of each referenced NFPA standard shall apply. Such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply.

SECTION 10.

60.100 International Fire Code Section 102.6 Applicability - Referenced codes and standards. Section 102.6 is hereby amended by adding the following new section 102.6.1:

102.6.1 Locally adopted codes. When this code references the International Fuel Gas Code, NFPA 54 shall be substituted. When this code references the International Mechanical Code, the Uniform Mechanical Code shall be substituted. When this code references the International Plumbing Code, the Uniform Plumbing Code shall be substituted. When this code references the International Electrical Code, the National Electrical Code shall be substituted. If there is a change in any locally adopted code, then the current code as adopted by the jurisdiction shall be substituted.

SECTION 11.

60.110 International Fire Code Section 103.1 Department of Fire Prevention - General. Section 103.1 is hereby deleted and replaced with the following:

103.1 General. The Fire Prevention Bureau is established within the jurisdiction under the direction of the fire code official. The function of the bureau shall be the implementation, administration, and enforcement of the provisions of this code.

SECTION 12.

60.120 International Fire Code Section 103.2 Department of Fire Prevention - Appointment and Section 103.3 Deputies. Section 103.2 and 103.3 are deleted.

SECTION 13.

60.130 International Fire Code Section 104.10 Department of Fire Prevention - Fire investigations. Section 104.10 is hereby amended by adding the following:

If it appears that a fire is incendiary in nature, the investigating officer conducting the investigation is authorized to take immediate charge of all physical evidence relating to the cause of the fire and shall have the powers of a peace officer in accordance with Nevada Revised Statute to carry out the arrests and prosecutions and to pursue investigations to their conclusion.

SECTION 14.

60.140 International Fire Code Section 106.2 Inspections - Inspections. Section 106.2 is hereby amended by adding the following new sections 106.2.1, 106.2.2, 106.2.3, 106.2.4 and 106.2.5:

106.2.1 Service charges for fire inspections and other services.

A. Charges for Fire Inspections as prescribed by ordinance for fire code compliance, new businesses and advisory inspections are as follows:

1. Group A (Assembly) Occupancies:

50 to 100 occupants	\$50.00
101 to 300 occupants	\$75.00
for each additional 100 occupants or fraction thereof to 10,000	\$5.00
for each 500 occupants or fraction thereof over 10,000	\$5.00
2. Group B (Business) Occupancies:

less than 3,000 square feet	\$50.00
3,001 square feet to 10,000 square feet	\$60.00
10,001 square feet to 50,000 square feet	\$80.00
50,001 square feet to 100,000 square feet	\$90.00
each additional 100,000 square feet	\$30.00
3. Group E (Educational) Occupancies:

. No service charge
4. Group F (Factory) Occupancies:

less than 10,000 square feet	\$50.00
10,001 square feet to 20,000 square feet	\$60.00
for each additional 20,000 square feet or	

- | | | |
|--|----------------------------|---------|
| | fraction thereof | \$20.00 |
|--|----------------------------|---------|
5. Group H (Hazardous) Occupancies:

less than 10,000 square feet	\$60.00
10,001 square feet to 20,000 square feet . . .	\$80.00
for each additional 20,000 square feet or fraction thereof	\$20.00
 6. Group I (Institutional) Occupancies:

less than 3,000 square feet	\$50.00
3,001 square feet to 10,000 square feet	\$60.00
10,001 square feet to 50,000 square feet . . .	\$80.00
50,001 square feet to 100,000 square feet . . .	\$90.00
for each additional 100,000 square feet or fraction thereof	\$30.00
 7. Group M (Mercantile) Occupancies:

less than 1,500 square feet	\$50.00
1,501 square feet to 3,000 square feet	\$60.00
3,001 square feet to 6,000 square feet	\$80.00
6,001 square feet to 10,000 square feet	\$90.00
for each additional 20,000 square feet or fraction thereof	\$20.00
 8. Group R (Residential) Occupancies:

Multiple dwellings (Hotel and Motel Rooms, Boarding Rooms and etc.)	
less than 20 units	\$50.00
20 to 50 units	\$60.00
for each additional unit over 50	\$ 2.00
 9. Group S (Storage) Occupancies:

up to 25,000 square feet	\$50.00
25,001 square feet to 50,000 square feet . . .	\$60.00
50,001 square feet to 100,000 square feet . . .	\$90.00
100,001 square feet to 200,000 square feet . .	\$110.00
for each additional 100,000 square feet or fraction thereof over 200,000 square feet . . .	\$30.00
 10. Group U (Utility) Occupancies that are associated with
a nongovernmental enterprise and have not otherwise
been inspected:

up to 25,000 square feet	\$50.00
25,001 square feet to 50,000 square feet . . .	\$60.00
50,001 square feet to 100,000 square feet . . .	\$90.00
100,001 square feet to 200,000 square feet . .	\$110.00
for each 100,000 square feet or fraction thereof over 200,000 square feet . . .	\$30.00
 11. Hotels and casinos as combination occupancies shall

have service charges for both assembly and residential occupancies.

12. Maximum inspection fee for any one or mixed occupancy shall not exceed \$2,500.00.

B. Fire Prevention Reinspection Service Charges are as follows:

First Reinspection	. . . . .	No Charge
Second Reinspection	. . . . .	\$50.00
Third Reinspection	. . . . .	\$100.00
Fourth and Subsequent Reinspections	. . . . .	\$200.00

C. Special Events Inspection and Permit Fees:

1. Floor Plan Review	. . . . .	\$50.00 (1 hour minimum)
2. Special Event Inspection (Indoor and Outdoor)	. . . . .	\$100.00 (plus \$1.00 per exhibit, vendor space, ride or booth)
3. Movie Production Permit	. . . . .	\$150.00
4. Pyrotechnic Permit	. . . . .	\$200.00
5. Special Use Permit, Tent or Open Flame Permit	. . . . .	\$75.00

D. Special Fire Inspections:

1. Installation of combustible/flammable liquids and chemicals (per IFC 27 and 34)	. . . . .	\$100.00 per tank
2. Removal or abandonment of combustible/flammable liquids or chemicals (per IFC 27 and 34)	. . . . .	\$100.00 per tank
3. Combustible/flammable liquid or gas pipeline installation, repair and excavation	. . . . .	\$50.00 per day
4. Environmental assessment of site	. . . . .	\$50.00 per hour (1 hour minimum)

106.2.2 Service Charges for Special Occurrences

Service charges for Special Occurrences are as follows:

- | | | |
|----|----------------------------------------------|----------------------------------------------|
| A. | Emergency Apparatus Standby | |
| | | \$300.00 minimum per hour apparatus and crew |
| B. | Special Events Apparatus Standby | |
| | | Actual hourly cost of crew |
| C. | Water Removal . . . Single Family Dwelling | \$50.00 per room |
| D. | Water Removal . . . Commercial | \$50.00 per 100 square foot |
| E. | Use of Sump Pump | \$50.00 per hour |
| F. | Request for Fire Department Flow Information | |
| | | \$250.00 annual fee
(or \$25.00 per call) |
| G. | Field Fire Flow Test | \$100.00 minimum per hour |

106.2.3 Problematic systems and systems out of service. (False Alarms)

In addition to other charges set forth herein, the following fees will be charged as indicated:

- | | | |
|----|-------------------------------------------------|----------|
| 1. | False alarms due to owner/occupant | \$200.00 |
| 2. | False alarms due to servicing company | \$200.00 |

106.2.4 Fees for Fire Investigation and Emergency Response Reports.

Fees for Fire Investigation and Emergency Response Reports are as follows:

- | | |
|-----------------------------------------------------|---------|
| Investigation Reports for Cause and Origin of: | |
| Auto Fires | \$30.00 |
| Residential Structure Fires | \$40.00 |
| (up to three units) | |
| Commercial Structures (and all other fires) | \$60.00 |
| Fire Department Emergency Response Reports . . . | \$10.00 |

106.2.5 Permit Required.

A permit service charge shall be added to any other required

inspection service charge. When there are multiple permits, only one permit fee, the largest dollar figure, shall be added to the service charge.

The following service charges shall apply with the listed items. Some items that appear in the fire code have no service charge.

Aerosol Products	\$150.00
Amusement Buildings	\$50.00
Aviation Facilities	\$50.00
Battery Systems	\$50.00
Cellulose Nitrate Film	\$50.00
Combustible Dust-Producing Operations	\$50.00
Combustible Fibers	\$50.00
Commercial Cooking Fire Protection Systems, Hoods, and Ducts	\$50.00
Compressed Gases	\$50.00
Covered Mall Buildings	\$50.00
Cryogenic Fluids	\$100.00
Cutting and Welding	\$50.00
Dry Cleaning Plants	\$50.00
Explosives	\$200.00
Flammable and Combustible Liquids	\$50.00
Floor Finishing	\$50.00
Fruit and Crop Ripening	\$100.00
Fumigation and Thermal Insecticidal Fogging	\$100.00
Hazardous Materials	\$75.00
HPM Facilities	\$75.00
High-Piled Storage	\$75.00

Hot Work Operations	\$50.00
Industrial Ovens	\$50.00
Lumber Yards and Woodworking Plants	\$50.00
Liquid- or Gas-fueled Vehicles or Equipment in Assemblies	\$50.00
LP-Gas	\$50.00
Magnesium	\$50.00
Miscellaneous Combustible Storage	\$50.00
Open Burning/Open Flames and Torches	\$50.00
Weed Abatement	\$45.00
Weed Abatement Renewals	\$20.00
Open Flames and Candles	\$50.00
Organic Coatings	\$50.00
Places of Assembly	\$50.00
Pyrotechnic Special Effects Material	\$200.00
Pyroxylin Plastics	\$50.00
Refrigeration Equipment	\$150.00
Repair Garages and Motor Fuel-Dispensing Facilities .	\$50.00
Rooftop Heliports	\$50.00
Spraying or Dipping	\$50.00
Storage of Scrap Tires and Tire Byproducts	\$50.00
Temporary Membrane Structures, Tens, and Canopies . .	\$75.00
Tire-Rebuilding Plants	\$50.00
Waste-Handling	\$50.00
Wood Products	\$50.00

SECTION 15.

60.150 International Fire Code Section 109.3 Violations - Violation penalties. Section 109.3 is deleted and replaced with the following:

109.3 Persons who violate a provision of this code or fail to comply with any of the requirements thereof, or who erect, install, alter, repair, or do work in violation of the approved construction documents or directives of the fire code official, or of a permit or certificate used under the provisions of this code, shall be guilty of a misdemeanor. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

SECTION 16.

60.160 International Fire Code Section 111.4 Stop Work Order - Failure to comply. Section 111.4 is deleted and replaced with the following:

111.4 Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a misdemeanor.

SECTION 17.

60.170 International Fire Code Section 202 General Definitions - Occupancy Classification A-2. Section 202 - Occupancy Classification A-2 is amended by adding the following:

CASINO. Any building or structure with an assembly Group A occupancy at which gaming is licensed under applicable state and local laws.

SECTION 18.

60.180 International Fire Code Section 311.2.2 Vacant Premises - Fire protection. Section 311.2.2 is amended by deleting the Exceptions.

SECTION 19.

60.190 International Fire Code Section 315.3.2 Miscellaneous Combustible Materials Storage - Height. Section 315.3.2 is amended by adding the following:

Storage in the open shall not exceed 20 feet in height, with the exception that the storage height for pallets and firewood shall be a maximum height of 10 feet and such materials shall be stored and secured in a manner to assure stability and prevent the materials from slipping, sliding, toppling, collapsing, or falling.

SECTION 20.

60.200 International Fire Code Section 401.1 General - Scope. Section 401.1 is amended by deleting the Exceptions.

SECTION 21.

60.210 International Fire Code Section 503.4 Fire Apparatus Access Roads - Obstruction of fire apparatus access roads. Section 503.4 is amended by adding the following new section 503.4.1:

503.4.1 Fire lane obstruction. It shall be a code violation subject to fine when, any person parks a motor vehicle or otherwise obstructs a fire lane, provided that the fire apparatus access roadway has been identified by means approved by the fire code official. Signs shall indicate "NO PARKING - FIRE LANE" and where curbing is provided, such curbing may be required to be painted red.

SECTION 22.

60.220 International Fire Code Section 508.1 Fire Protection Water Supplies - Required water supply. Section 508.1 is amended by adding a new section 508.1.1 to read as follows:

508.1.1 Obstruction of fire hydrants. It shall be unlawful for any person to obstruct the access to any fire hydrant on any public or private street in the jurisdiction, or to place or deposit any lumber, rock, sand or other material or substance within 7 ½ feet to either side of the front pumper connection of such hydrant.

SECTION 23.

60.230 International Fire Code Section 508.3 Fire Protection Water Supplies - Fire flow. Section 508.3 is amended by adding the following:

TABLE 5-A REQUIRED FIRE FLOW BY TYPE OF LAND DEVELOPMENT¹

Required fire flow provisions for private sites will be determined by the Type of Construction, Occupancy Group, surrounding risk factors or be specified by the Fire Chief.

Type of Land Development	Required Fire Flow in Gallons Per Minute
1. Detached one and two single family dwellings, or triplex residential occupancies, not exceeding 5,000 sq.ft.	1,500 GPM ² (includes automatic sprinkler system flows) available to the proposed development.
2. Neighborhood commercial*; single story, commercial buildings associated with residential development; multi-family residential occupancies of four or more including townhouse, condominiums or apartments. One and two single family dwellings greater than 5,000 sq.ft.	2,000 GPM (includes automatic sprinkler system flows) available to the proposed development.
3. Arterial Commercial* and neighborhood commercial not included above, multi-story office buildings and complexes, other commercial, institutional, elementary schools and similar public uses.	2,500 GPM (includes automatic sprinkler system flows) available to the proposed development.
4. Community Commercial* and Central Business*; high-rise structures, principal business districts, focal points and major retail centers. Middle schools and high schools.	3,000 GPM (includes automatic sprinkler system flows) available to the proposed development.

Type of Land Development	Required Fire Flow in Gallons Per Minute
5. High hazard occupancies, including all industrial and/or warehouse occupancies covered by IFC Chapter 23, "High-Piled Combustible Storage", all occupancies classed as H-1, H-2 and H-3, and those occupancies determined by the fire department to have a severe fire hazard due to the fuel load or significant exposure risk.	Fire flow shall be calculated by using the IFC Appendix B, Table B105.1, but never shall available fire flow be less than 3,000 GPM.

A minimum residual water pressure of 20 PSI is required. Water flow for fire protection purposes is to be considered in the design of water mains.

In all developments, including in-fill type construction, fire hydrants shall individually deliver not less than 2,000 GPM (1,500 GPM for detached one and two single family or triplex residential occupancies) fire flows at a minimum residual pressure of 20 PSI. The water supply system shall not deliver less than the minimum flows required by type of land development as noted above.

¹ Fire flows based on buildings with complete automatic sprinkler systems, excluding one and two single residential occupancies. Fire flows for non-sprinklered buildings are to be calculated based upon IFC Appendix B, Table B105.1.

² In rural areas of the county where the existing infrastructure will not support the required fire flow as outlined in Table 5-A, the fire chief may permit one- and two-family dwellings having a fire area less than 3,600 sf to be designed to have a minimum of 1,000 gallons per minute for a minimum duration of 30 minutes.

*Uses as defined in the City of Reno "Zoning Ordinance."

SECTION 24.

60.240 International Fire Code Section 508.5.1 Fire Protection Water Supplies - Where required. Section 508.5.1 is deleted and replaced with the following:

508.5.1 The Fire Department shall approve the location, number, and type of fire hydrants connected to a water supply capable of delivering the required fire flow. All fire hydrants shall be located adjacent to a public street or other location approved by the Fire Department. Fire hydrants shall be accessible to Fire Department apparatus by roads meeting the requirements of Section 503.

SECTION 25.

60.250 International Fire Code Section 509.1 Fire Command Center - Features. Section 509.1 is amended by deleting the third and fourth sentences and replacing them with the following:

The fire command center shall be separated from the remainder of the building by not less than a two hour fire-resistance rated fire barrier. The room shall be a minimum of 100 square feet with a minimum dimension of 8 feet.

Add as a second sentence to number 6:

Annunciator panels shall be combination smoke/fire. Adjacent to this panel shall be a firefighters' planning tool, similar in design to the annunciator panel, which has a writeable surface.

Add as additional items to the list of requirements for the fire command center:

16. Air Systems. Air Systems for fire suppression breathing apparatus shall be maintained at the same frequency as other high rise life safety systems, and procedures for maintenance and report records shall be approved by the Fire Code Official. Inspection records shall be kept on site and shall be readily available to the Fire Code Official. When a serious deficiency is found, or a service/maintenance contract has been canceled for an air system for fire suppression breathing apparatus, fire alarm, fire suppression, or commercial kitchen hood ventilation system, the Fire Code Official shall be notified immediately.

17. HVAC. The central control station shall be provided with heating, cooling and ventilation (HVAC) systems that are independent of any other building system or area. HVAC for the central control station shall be connected to the emergency power system.

18. Lighting. Lighting shall provide adequate illumination and shall be on emergency service with additional battery back up emergency lighting.

19. Outside Telephone Line. A telephone shall be directly connected to the public telephone network. The line for this telephone shall be routed directly to the central control station with protection from fire exposure as it passes through any portion of the premises. This telephone shall not be routed through the premise's telephone exchange or other switching systems. A public telephone directory shall be placed next to the telephone.

20. Inside Telephone Line. A telephone connected to the premises' telephone exchange shall be provided. A current premises telephone directory shall be placed next to this telephone.

21. Disconnect. The main switch for disconnecting the utility power shall be in the central control station. Switches shall be covered to prevent accidental activation. Break glass activation is not permitted. Switches shall interrupt the public utility power feeds before entering the building. After the switch is operated, no live electrical panels, conductors, or feeds within the premises shall remain energized excluding the emergency electrical circuits.

22. General Disconnect. The emergency generator remote stop and start switches shall be in the central control station. Switches shall be covered to prevent accidental activation. The operation of these switches shall be reviewed and approved by the fire department before installation. The fire alarm control panel shall annunciate that the generator is providing power to the emergency service circuits. For additional requirements, please refer to the International Building Code, Chapter 27.

SECTION 26.

60.260 International Fire Code Section 901.6 General - Inspection, testing and maintenance. Section 901.6 is hereby amended by adding a new section 901.6.3 to read as follows:

901.6.3 Maintenance records and reports. All required fire alarms, fire suppression and commercial kitchen hood ventilation systems shall be maintained in accordance with this code. Air systems for fire suppression breathing apparatus shall be maintained at the same frequency as other high-rise life safety systems and procedures for maintenance and report records shall be approved by the Fire Code Official. Inspection records shall be kept on-site and shall be readily available to the Fire Code Official.

When a serious deficiency is found with an air system for fire suppression breathing apparatus, fire alarm, fire suppression or commercial kitchen hood ventilation system, the Bureau of Fire Prevention shall be notified immediately. In the event that the service/maintenance contract is canceled or not renewed, the Fire Prevention Bureau shall be notified within 24 hours.

SECTION 27.

60.270 International Fire Code Section 901.9 Problematic systems and systems out of service (False Alarms). Section 901 is hereby amended by adding a new section 901.9 to read as follows:

901.9 Problematic systems and systems out of service (False Alarms).

False alarm due to service company. An emergency fire department response due to failure of the fire alarm or fire sprinkler/suppression company personnel to notify the fire department providing services to that area via a central station fire alarm company when servicing/testing such system(s), shall be subject to \$200.00 service charge for each occurrence.

False alarm due to owner-occupant. An emergency fire department response caused by lack of system maintenance, building employees or other personnel causing alarms due to the nature of their work, and failure by the building operator to make proper notification to the fire department providing services to that area via a central station fire alarm company shall be subject to a \$200.00 service charge for each occurrence.

SECTION 28.

60.280 International Fire Code Section 903.2 Automatic Sprinkler Systems - Where required. Section 903.2 is amended by adding the following to the first paragraph:

All buildings (except for private one and two family dwellings), with more than 5,000 square feet in floor area, shall have an automatic fire detection or fire extinguishing system installed throughout and shall be connected to a central station fire alarm company.

Exceptions: 1. In Group S-1 Mini Storage Occupancies, a fire detection or fire extinguishing system is not required when fire walls are provided within the building to ensure that no portion of the building is greater than 5,000 square feet in area.

SECTION 29.

60.290 International Fire Code Section 903.2.10.3 General - Buildings more than 55 feet in height. Section 903.2.10.3 is hereby amended by changing Exception 2 to read:

Parking structures which are open on all sides, and which do not exceed 65 feet in height, provided that all other requirements relating to such open parking structures conform to the International Building and Fire Codes.

SECTION 30.

60.300 International Fire Code Section 903.4 General - Sprinkler system monitoring and alarms. Section 903.4 is amended by deleting Exception 3 and adding the following sentence to Exception 5.

This exception will not apply to any of the above-mentioned control valves if they are located in a building equipped with any fire alarm or protection system that is required to be monitored by a central control station fire alarm company.

SECTION 31.

60.310 International Fire Code Section 903.4.1 General - Signals. Section 903.4.1 is hereby amended to read as follows.

Alarm, supervisory, and trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station fire alarm company.

SECTION 32.

60.320 International Fire Code Section 905.3.2 Standpipe Systems - Group A. Section 905.3.2 is amended in Exception 2 by changing 75 feet to 55 feet.

SECTION 33.

60.330 International Fire Code Section 906.1 Portable Fire Extinguishers - Where required. Section 906.1 is amended by deleting the Exception to item number 1.

SECTION 34.

60.340 International Fire Code Section 907.2 Fire Alarm and Detection Systems - Where required - new buildings and structures. Section 907.2. is amended by adding the following to the first paragraph:

All buildings (except for private one and two family dwellings), with more than 5,000 square feet in floor area, shall have an automatic fire detection or fire extinguishing system installed throughout and shall be connected to a central station fire alarm company.

Exceptions: 1. Group S-1 Mini-Storage Occupancies, a fire detection or fire extinguishing system is not required when fire walls are provided within the building to ensure that no portion of the building is greater than 5,000 square feet in area.

SECTION 35.

60.350 International Fire Code Section 907.2 Fire Alarm and Detection Systems - Where required - new buildings and structures. Section 907.2 is hereby amended by deleting the last sentence and replacing it with the following:

When an automatic fire detection system is required by this chapter, such system shall utilize heat detection devices. When it is appropriate due to the occupancy and/or use of the building, the automatic fire detection system may be smoke detectors, except that an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector.

SECTION 36.

60.360 International Fire Code Section 907.2.8 Fire Alarm and Detection Systems - Group R-1 and Section 907.2.9 - Group R-2. Section 907.2.8 and 907.2.9 are amended by adding the following:

In existing residential occupancies, when a significant percentage of battery operated smoke detectors that have been required by either the International Building Code or the International Fire Code are found to be non-operational by the Fire Code Official on two or more inspections, they shall be replaced with smoke detector units wired into the building's electrical system in compliance with the International Fire Code and the National Electrical Code.

SECTION 37.

60.370 International Fire Code Section 907.2.12 Fire Alarm and Detection systems - High rise buildings. Section 907.2.12 is hereby amended by changing 75 feet to 55 feet.

SECTION 38.

60.380 International Fire Code Section 907.12 Fire Alarm and Detection Systems - Duct smoke detectors. Section 907.12 is amended by deleting Exception 1.

SECTION 39.

60.390 International Fire Code Section 913.4 Fire Pumps - Valve supervision. Section 913.4 is amended by deleting Exceptions 2, 3 & 4.

SECTION 40.

60.400 International Fire Code Section 1006.3 Means of Egress Illumination - Illumination emergency power. Section 1006.3 is amended by deleting the first sentence of last paragraph and replacing it with the following:

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries. All egress illumination shall be of the emergency battery pack type, and shall be installed even though emergency generators are provided on site.

SECTION 41.

60.410 International Fire Code Section 1011.5.3 Exit Signs - Power Source. Section 1011.5.3 is amended by deleting the section and the Exception and replacing it with the following:

1011.5.3 Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, all exit signs shall be of the emergency battery pack type and shall be installed even though emergency generators are provided on site.

SECTION 42.

60.420 International Fire Code Section 1019.1.7 Vertical Exit Enclosures - Stairway floor number signs. Section 1019.1.7 is amended by adding the following:

The signs on doors leading to stairways with roof access shall be green. Signs on doors leading to stairways with no roof access shall be red. For buildings less than four stories, each sign shall comply with the following:

1. Only the floor number is required to be indicated.
2. The green and red color code system shall be used.
3. The numbers shall have a minimum height of four inches.

SECTION 43.

60.430 International Fire Code Section 1019.1.8 Vertical Exit Enclosures - Smokeproof enclosures. Section 1019.1.8 is amended by changing 75 feet to 55 feet.

SECTION 44.

60.440 International Fire Code Section 1412.1 Water Supply for Fire Protection - When required. Section 1412.1 is amended by adding the following:

Temporary water supply systems shall be designed to deliver the same gallons per minute at the same pounds per square inch as permanent systems, but may have a limited duration. Systems that would require the use of hard suction are not acceptable except in areas served only by volunteer fire companies.

[Business Impact Note: The Board of County Commissioners hereby finds that this ordinance does not impose a direct and significant economic burden upon a business, nor does it directly restrict the formation, operation or expansion of a business.]

Proposed on the _____ day of _____, 2006.

Proposed by Commissioner _____.

Passed on the _____ day of _____, 2006.

Vote:

Ayes:

Nays:

Absent:

Chairman

Washoe County Commission

ATTEST:

County Clerk

This ordinance shall be in force and effect from and after the _____, 2006.

P:/ORD/fire code final
gs/9/15/2005